

# Parts:

PCB: You can have one of the PCB's printed by an online manufacturer or make one of your own from perfboard. Standard 1.6mm thickness.

[PCB Prototype & PCB Fabrication Manufacturer - JLCPCB](#)

Case: Print your own or use one of the many 3D printing services.

[Online 3D Printing Service | Custom 3D Printed Parts - JLCPCB](#)

These are the settings I chose from the JLCPCB site. I am sure other options work too. I have also printed my own samples on a resin printer using ABS-like resin, however it is not as neat as the purchased ones.

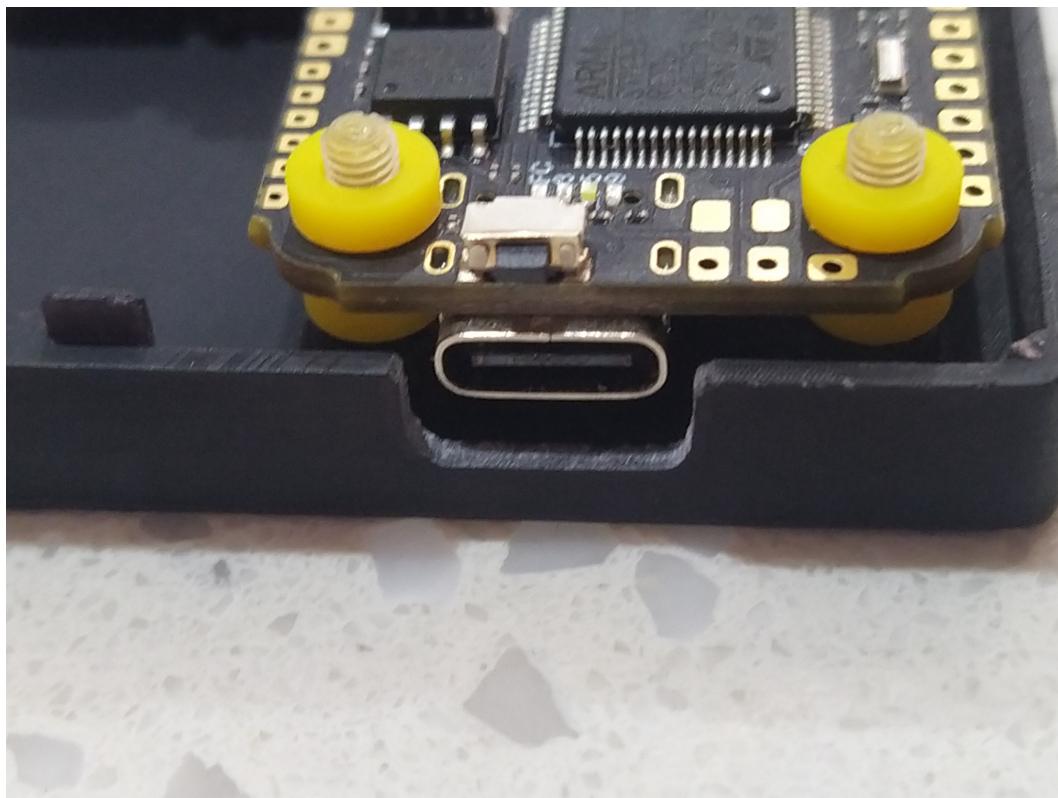
Select All (1)

	3D Technology	SLA(Resin)	MJF(Nylon)	SLM(Metal)	FDM(Plastic)	SLS(Nylon)
RF_20mm_top_final.stl 5.11x0.82x3.5 cm 4.59 cm <sup>3</sup>	Material	LEDO 6060 Resin	9000R Resin	8228 Resin	Black Resin	
		8111X Resin	Imagine Black	8001 (Translucent)		
	Color	Black				
	Sanding	Yes	No			
	Build Time	72 hours				
	Qty	1	^	▼		
	Product Desc	Select				
	Price	\$2				
	3D Remark	<input type="text"/>				

Tap the hole with a 3mm bottom tap (plug tap). Screws are 3mmx12mm Nylon/plastic.



The USB slot needs to be filed to suit your chosen board.



## BEC / VBatt:

A BEC is used to power the servos. This plug also has a pin that can be used to connect to the main battery pack. This pin supplies power to the FC

